

## Contents of Volume 168

### Vol. 168 No. 1

Kaolinite/humic acid interaction in the presence of aluminium ion F. Elfarissi and E. Pefferkorn (Strasbourg, France) . . . . .	1
The structural characterisation of self-assembled films of dimyristoyl phosphatidylcholine: a neutron reflectivity and Brewster angle microscopy study G.A. Lawrie, K.A. Gunton, G.T. Barnes and I.R. Gentle (Brisbane, Queensland, Australia) . . . . .	13
Preparation of Pt/MgO catalysts. Influence of the precursor metal salt and solvent used M.A. Aramendía, J.A. Benítez, V. Borau, C. Jiménez, J.M. Marinas, J.R. Ruiz and F.J. Urbano (Córdoba, Spain) . . . . .	27
Interfacial characteristics of diglyceride monolayers at the air/aqueous phase interface J.M. Rodríguez Patino and M. Ruiz Domínguez (Seville, Spain) . . . . .	35
Interaction of <i>N</i> -vinyl-2-pyrrolidone with surface of hydride silica L.A. Belyakova, A.M. Varvarin (Kiev, Ukraine) and V.M. Linkov (Bellville, South Africa) . . . . .	45
Guest molecules in Triton X-100 microemulsion: studied by positron annihilation technique and absorption spectroscopy S.K. Das and B.N. Ganguly (Calcutta, India) . . . . .	53
The autooxidation of hydrogen sulfide in the presence of hematite J. Herszage and M. dos Santos Afonso (Buenos Aires, Argentina) . . . . .	61
Electrorheology of cellulose phosphate ester suspension as a new anhydrous ER fluid U.-s. Choi and B.-g. Ahn (Seoul, South Korea) . . . . .	71
Differential absorbance measurements of amphiphilic hemicyanine dyes, solubilization study in anionic surfactant S.S. Shah, K. Naeem, S.W.H. Shah and G.M. Laghari (Islamabad, Pakistan) . . . . .	77
Synthesis of metallic nanoparticles in reverse micelles in the presence of quercetin E.M. Egorova and A.A. Revina (Moscow, Russia) . . . . .	87
$E_T^N$ values and effective dielectric constants of water/AOT/near-critical propane reverse micelles Z. Shervani and Y. Ikushima (Sendai, Japan) . . . . .	97
<i>Calendar</i> . . . . .	101

### Vol. 168 No. 2

The nature of the binding of high-molecular weight aminoammonium and quaternary ammonium salts with the amorphous silica surface O.A. Zaporozhets, O.V. Shulga, O.Y. Nadzhafova, V.V. Turov and V.V. Sukhan (Kiev, Ukraine) . . . . .	103
Solubilization of poly(ethylene oxide) in sodium dodecyl sulfonate/octane/butanol/water reverse microemulsion Z. Hou, Z. Li (Xingjiang, P.R. China) and H. Wang (Lanzhou, P.R. China) . . . . .	109
Octyl glucoside as a tool to induce structural modifications in the stratum corneum O. López, M. Cócera (Barcelona, Spain), P. Walther (Zürich, Switzerland), A. de la Maza, L. Coderch and J.L. Parra (Barcelona, Spain) . . . . .	115
Fine particles inside boundary layers on rising bubbles E. Mileva and L. Nikolov (Sofia, Bulgaria) . . . . .	125
Preparation, characterization, and sorption properties for Ni(II) of iron oxyhydroxide–montmorillonite H. Green-Pedersen and N. Pind (Århus, Denmark) . . . . .	133
Raman scattering study of ‘polyaminopropylsiloxane’ aggregates and conformational change of aminopropylsilyl segments T. Ogasawara, H. Yonehara, H. Okabayashi (Nagoya, Japan) and C.J. O'Connor (Auckland, New Zealand) . . . . .	147
Preparation and analysis of uniform emulsion droplets using SPG membrane emulsification technique H. Yuyama, T. Watanabe, G.-H. Ma, M. Nagai and S. Omi (Koganei, Japan) . . . . .	159
Adsorption of model wood polymers and colloids on bentonites T. Asselman and G. Garnier (Montreal, Quebec, Canada) . . . . .	175
<i>Calendar</i> . . . . .	183

### Vol. 168 No. 3

On the kinetics of the micelle forming systems E.V. Chertkov, A.A. Saidov and P.K. Khabibullaev (Tashkent, Uzbekistan) . . . . .	185
Studies of a novel polymerizable amphiphilic dendrimer G. Sui, M. Micic, Q. Huo and R.M. Leblanc (Coral Gables, FL, USA) . . . . .	193

Dynamic monolayer behavior of a photo-responsive azobenzene surfactant I. Kim (Davis, CA, USA), J.F. Rabolt (Newark, DE, USA) and P. Stroeve (Davis, CA, USA) . . . . .	207
A multianalytical approach to characterize acidic adsorption sites on a quartz powder M. Ernstsson and A. Larsson (Stockholm, Sweden) . . . . .	215
Phase transition in adsorbed monolayers of 2-hydroxyethyl laurate at the air-water interface M.M. Hossain, M. Yoshida, K.-i. Iimura, N. Suzuki and T. Kato (Utsunomiya, Japan) . . . . .	231
Effect of cationic surfactants on the addition-elimination type interaction between aspartic acid and ninhydrin A. Kabir-ud-Din, J.K.J. Salem, S. Kumar (Aligarh, India) and Z. Khan (New Delhi, India) . . . . .	241
Study of the properties of LB films of a new cellulose derivative bearing terthienyl side groups N. Ranieri and G. Wegner (Mainz, Germany) . . . . .	251
Synthesis and characterization of zeolite-encapsulated metalloporphyrins S. Nakagaki, C.R. Xavier, A.J. Wosniak, A.S. Mangrich, F. Wypych, M.P. Cantão, I. Denicoló (Curitiba, Brazil) and L.T. Kubota (Campinas, Brazil) . . . . .	261
Morphology and phase behaviour of monoglyceride monolayers on aqueous sugar substrates N. Krasteva and D. Vollhardt (Potsdam, Germany) . . . . .	277
Effect of protein penetration into phospholipid monolayers: morphology and structure J. Zhao, D. Vollhardt, G. Brezesinski, S. Siegel (Golm/Potsdam, Germany), J. Wu (Beijing, People's Republic of China), J.B. Li and R. Miller (Golm/Potsdam, Germany) . . . . .	287
<i>Calendar</i> . . . . .	297
<i>Author index</i> . . . . .	299
<i>Subject index</i> . . . . .	301
<i>Volume contents</i> . . . . .	303

